The data presented in this report are from the most recent testing done in accordance with administrative regulations in 401 KAR Chapter 8. As authorized and approved by EPA, the State has reduced monitoring requirements for certain contaminants to less often than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Some of the data in this table, though representative, may be more than one year old. Unless otherwise noted, the report level is the highest level detected.

A= Cresent Hill Filter Plant, B=B.E. Payne Water Treatment Plant, C= Taylorsville Water

	Allowable Levels	Source	Highest Single Measurement	Lowest Monthly %	Violation	Likely Source of Turbidity
Turbidity (NTU) TT	No more than 1 NTU*	A=	0.1	100	No	
* Representative samples	Less than 0.3 NTU in	B=	0.09	100	No	Soil runoff
of filtered water	95% monthly samples	C=	0	100	No	

Regulated Contaminant Test Results

Contaminant [code] (units)	MCL	MCLG	Source	Report Level	Range of Detection			Date of Sample	Violation	Likely Source of Contamination
Radioactive Contaminants										
Alpha emitters [4000] (pCi/L)	15	0	A=	2.1	2.1	to	2.1	2010	No	Erosion of natural deposits
			B=	2.4	2.4	to	2.4	2010	No	
Combined radium (pCi/L)	5	0	A=	0.28	0.28	to	0.28	2010	No	Erosion of natural deposits
			B=	0.68	0.68	to	0.68	2010	No	
Uranium (µg/L)	30	0	A=	0.29	0.29	to	0.29	2010	No	Erosion of natural deposits
			B=	0.29	0.29	to	0.29	2010	No	
Inorganic Contaminants										
Copper [1022] (ppm) sites exceeding action level 0	AL = 1.3	1.3	C=	0.106 (90^{th} percentile)	0.006	to	0.191	2008	No	Corrosion of household plumbing systems
Fluoride [1025] (ppm)	4	4	A=	1.03	0.82	to	1.03	2010	No	Water additive which promotes strong teeth
			B=	1.17	0.9	to	1.17	2010	No	
Lead [1030] (ppb) sites exceeding action level 0	AL = 15	0	C=	0.005 (90^{th} percentile)	BDL	to	0.014	2008	No	Corrosion of household plumbing systems. Erosion of natural deposits
Nickel (ppm) (US EPA remanded MCL in February 1995.)	N/A	N/A	A=	1.9	1.9	to	1.9	2010	No	Runoff from landfills & cropland. Metal refineries & factories. Erosion of natural deposits.
Nitrate [1040] (ppm)	10	10	A=	1.5	1	to	1.5	2010	No	Runoff from fertilizer & leaching from septic tanks. Erosion of natural deposits
			B=	1.1	0.4	to	1.1	2010	No	
Nitrite [1041] (ppm)	1	1	A=	0.01	BDL	to	0.01	2010	No	Runoff from fertilizer & leaching from septic tanks. Erosion of natural deposits
Disinfectants/Disinfection Byproducts and Precursors										
Total Organic Carbon (ppm) (report level=lowest avg. range of monthly ratios)	TT*	N/A	A=	1.30	0.83	to	2.05	2010	No	Naturally present in environment.
			B=	1.14	1.00	to	2.14	2010	No	
*Monthly ratio is the % TOC removal achieved to the % TOC removal required. Annual average of the monthly ratios must be 1.00 or greater for compliance.										
Chloramines (ppm)	MRDL = 4	MRDLG = 4	C=	2.70 (highest average)	1.00	to	3.50	N/A	No	Water additive used to control microbes.
HAA (ppb) (all sites) [Haloacetic acids]	60	N/A		17.9 (system average)	4.6 (range of system sites)	to	44	2010	No	Byproduct of drinking water disinfection
TTHM (ppb) (all sites) [total trihalomethanes]	80	N/A		27.1 (system average)	9.8	to	43.5	2010	No	Byproduct of drinking water disinfection
Other Contaminants										
Cryptosporidium [oocysts/L]	0	TT (99% removal)		3 (positive samples)	34 (no. of samples)			N/A		Human and animal fecal waste
Unregulated Contaminants (UCMR 2)				**range (ppt)**				**date**		
N-nitroso-diethylamine (NDMA) (ppt)	N/A	N/A	A=	15.0	11	to	15	N/A	No	Byproduct of drinking water disinfection. Rocket fuel production.